

Amendments to the Claims:

Claims 1-28 (Cancelled)

29. (Currently amended) A light source comprising a bulb having an inner surface and an outer surface, a filament mounted within said bulb and which includes a flat section,

a heating device for the filament whereby the filament can be heated to cause the emission of both visible light and heat radiation, and

~~wherein said bulb includes an inner surface which includes a mirror coating which comprises~~ a dielectric multilayer coating positioned entirely on the inner surface of the bulb, said dielectric multilayer coating being spectrally selective so as to substantially reflect the heat radiation of the filament while substantially transmitting the visible light thereof.

30. (Previously presented) The light source of Claim 29 wherein the filament comprises a sintered metal powder.

31. (Previously presented) The light source of Claim 29 wherein the filament comprises a metal selected from the group consisting of tungsten, tantalum, rhenium, niobium, zirconium and mixtures thereof.

32. (Previously presented) The light source of Claim 29 wherein the filament comprises a nonmetal.

33. (Previously presented) The light source of Claim 29 wherein the filament comprises a metal carbide selected from

the group consisting of tantalum carbide, rhenium carbide, niobium carbide, zirconium carbide, and mixtures thereof.

34. (Previously presented) The light source of Claim 29 wherein said filament is coated with a coating material which has a higher melt temperature than the filament.

35. (Previously presented) The light source of Claim 34 wherein the coating material on said filament is selected from the group consisting of tantalum carbide, rhenium carbide, niobium carbide, zirconium carbide, and mixtures thereof.

36. (Previously presented) The light source of Claim 29 wherein the flat section of said filament comprises a strip with two longitudinal sides.

37. (Previously presented) The light source of Claim 36 wherein two surface elements project from each of the respective longitudinal sides of the strip in the form of wings.

38. (Previously presented) The light source of Claim 37 wherein each of the surface elements projects from the strip at an angle of about 90°.

39. (Previously presented) The light source of Claim 29 wherein the flat section of the filament is substantially planar.

40. (Previously presented) The light source of Claim 29 wherein the flat section of the filament is in the form of at least a portion of a cylindrical jacket.

41. (Previously presented) The light source of Claim 40 wherein the at least a portion of a cylindrical jacket includes a lengthwise extending opening.

42. (Previously presented) The light source of Claim 40 wherein the at least a portion of a cylindrical jacket defines a diameter which is only slightly smaller than a diameter defined by the bulb.

43. (Previously presented) The light source of Claim 40 wherein the bulb defines a longitudinal axis, with the filament being configured to define a coaxial center axis.

44. (Previously presented) The light source of Claim 29 wherein the heating device comprises a pair of electrical contacts coupled to the filament for delivering an electrical current to the filament.

45. (Cancelled)

46. (currently amended) The light source of Claim 29 45 wherein the flat section of the filament is of inverted U-shaped configuration to define two longitudinal sides which are almost back to back and which are integrally coupled at upper ends thereof, and wherein the heating device includes a pair of electrical contacts joined to respective ones of the longitudinal sides adjacent the opposite ends thereof.

47. (Previously presented) The light source of Claim 46 wherein the two longitudinal sides are each in the form of a U-shaped channel section.

48. (New) A light source comprising
a bulb,
a filament comprising a sintered metal powder and being
formed as a flat section and mounted within said bulb,
a heating device for the filament whereby the filament
can be heated to cause the emission of both visible light and
heat radiation, and
wherein said bulb includes an inner surface which
includes a mirror coating which comprises a dielectric
multilayer coating.

49. (New) The light source of Claim 48 wherein the
filament is coated with a coating material which has a higher
melt temperature than the filament.